BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Name of work: Estimate for Providing childrens playing and Gym equipments in ward no 03, Attur.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
								Estimate Cost Rs.	1000000.00
	For Gym Equipments Work								
1	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 **Page No. 143 / Item No. 19.1, PWD SR 2018-19**	Cum							
			1	15.00	6.00	0.10	9.00		
							9.00	231.29	**2082.00**
	Basic Rate	130.00							
	Average weight of earth 1.28 tonne / kg for 11.90 Km = 1.30 TX 10.00Km X 2.0/km= 26.0	26.00							
	Add loading and unloading Charges **It No 17.1 KSRRB M 100-1**	62.20							
		218.20							
	Area Weightage @ 6%	13.09							
	Total	**231.29**							
2	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete **Page No. 27 / Item No. 5.30 PWD SR 2018-19**	No							
			2	15.00			66.67		
				0.45					
			2	6.00			26.67		
				0.45					
	Basic Rate	408.00					**93**	432.48	**40365.00**
	Area Weightage @ 6%	24.48							
	Total	**432.48**							
3	KSRB 2.8 : Providing and **Filling in foundation with granite / trap broken metal** 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. specification. No. KBS **Page No. 7 / Item No. 2.15 of PWD SR 2018-19**	Cum							
			1	15.00	6.00	0.10	9.00		
	Basic Rate	2429.00					**9.00**	2574.74	**23173.00**
	Area Weightage @ 6%	145.74							
	Total	**2574.74**							

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	KSRB 14.6-1: Providing and laying **heavy duty cobble stones 60mm thick interlock pavers**, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. Specification No. KBS. **(P.No. 103, I.No. 14.6 of PWD SR 2018-19)**	Sqm							
			1	15.00	6.00		90.00		
							90.00	**1116.18**	**100456.00**
	Basic Rate	1053.00							
	Area Weightage @ 6%	63.18							
	Total	**1116.18**							
5	KSRB 15-19.1 : Providing and applying ready mix priming coat **over concrete** / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications. **Page No. 124 / Item No. Item No. 15.80, PWD SR 2018-19**	Sqm							
	Kerb Stone Painting		2	15.00		0.45	13.50		
			2	6.00		0.45	5.40		
							18.90	**39.96**	**755.00**
	Basic Rate	37.00							
	Area Weightage @8%	2.96							
	Total	**39.96**							
6	KSRB 15-19.2 : Providing and applying spray painting in two coats (excluding priming coat) over concrete / masonry / asbestos cement sheet / plastered surfaces with flat wall paint of approved brand to give even shade after cleaning the surface of all dirt, dust and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications.**Page No. 124 / Item No. Item No. 15.81, PWD SR 2018-19**	Sqm							
			Qty Vide Item No. 5				18.90		
							18.90	**91.80**	**1735.00**
	Basic Rate	85.00							
	Area Weightage @8%	6.80							
	Total	**91.80**							
	Gym Equipments								

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	ROPE PULLER the ROPE PULLER made up of 100mm NB MS pipe the sub structure consists of 32 mm NB MS pipes and heavy duty provided to ensure smooth rope transition these are a primary indicator of upper body stength the exercises place more emphasision the stretching improving the grip introduce yourselft at all exercises gradually avoiding undue stress slowly build the number of repetitions the above equipment is duly powder coated	Nos							
			1				1		
							1	85000.00	85000.00
8	Supplying of Granite benches as per approved drawing including cost of steel, materials, labour, transportation etc complete as per specification (Approved Rate)	Nos							
			9				9		
							9	10500.00	94500.00
	Basic Rate	9000.00							
	Children Play Equipments								
9	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 **Page No. 143 / Item No. 19.1, PWD SR 2018-19**	Cum							
			1	15.00	6.00	0.10	9.00		
							9.00	231.29	2082.00
	Basic Rate	130.00							
	Average weight of earth 1.28 tonne / kg for 11.90 Km = 1.30 TX 10.00Km X 2.0/km= 26.0	26.00							
	Add loading and unloading Charges **It No 17.1 KSRRB M 100-1**	62.20							
		218.20							
	Area Weightage @ 6%	13.09							
	Total	**231.29**							
10	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete **Page No. 27 / Item No. 5.30 PWD SR 2018-19**	No							
			2	15.00			66.67		
				0.45					
			2	6.00			26.67		
				0.45					
							93	432.48	40365.00
	Basic Rate	408.00							
	Area Weightage @ 6%	24.48							

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Total	**432.48**							
11	KSRB 2.8 : Providing and **Filling in foundation with granite / trap broken metal** 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. specification. No. KBS **Page No. 7 / Item No. 2.15 of PWD SR 2018-19**	Cum							
			2	15.00	6.00	0.30	54.00		
							54.00	2574.74	**139036.00**
	Basic Rate	2429.00							
	Area Weightage @ 6%	145.74							
	Total	**2574.74**							
12	KSRB 15-19.1 : Providing and applying ready mix priming coat **over concrete** / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications. **Page No. 124 / Item No. Item No. 15.80, PWD SR 2018-19**	Sqm							
	Kerb Stone Painting		2	15.00		0.35	10.50		
			2	6.00		0.35	4.20		
							14.70	39.96	**587.00**
	Basic Rate	37.00							
	Area Weightage @8%	2.96							
	Total	**39.96**							
13	KSRB 15-19.2 : Providing and applying spray painting in two coats (excluding priming coat) over concrete / masonry / asbestos cement sheet / plastered surfaces with flat wall paint of approved brand to give even shade after cleaning the surface of all dirt, dust and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications.**Page No. 124 / Item No. Item No. 15.81, PWD SR 2018-19**	Sqm							
			Qty Vide Item No. 9				14.70		
							14.70	91.80	**1349.00**
	Basic Rate	85.00							
	Area Weightage @8%	6.80							
	Total	**91.80**							
	Children Play Equipments								

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Providing Children play standard Sea Saw Seater Equipment : This equipment is made up of main beam 50mm MS pipe 'A' class of length 98mtr with two handles welded at the ends as a hand are made of 20mm 'A' class pipe. The main beam is pivoted to the bottom supports of 40mm MS pipes by bush bearing clamped by pivot joints which swivel over 28mm dia steel shaft which gets installed in the ground by meas of concrete 2 Nos. seats are made of 250 mm x 200 mm x 18 SWG MS sheets with T hand rest at the front. Air pipe are if ISI grade. All the pipes are painted with two coats of super set paint over a coat of protective Zinc chromate yellow oxide including fixing the play equipments in CC 1:2:4, curing etc., complete with all lead, lift, loading, unloading and any other incidental charges and as perthe draing and specification and direction of the engineer in charge of the work.	Each							
			1				1		
							1	28000.00	28000.00
15	**Providing Children play Merry-go-Round equipment** : Made of MS 'A' Class pipes. Main pillars in 100 mm dia fitted with shaft and two bearing the other cross members are in 25 & 20 mm MS A Class pipe the bottom ring is made out of 25mm of ring size is 1.20 mts dia fitted with four seats are in mental sats if 250 x 200 x 18 SWG handles are made out of 20mm NB pipes and othe supports are in 25mm MS 'A' Class pipes. All the pipes are painted with two coats of super set paint over a coat of protective Zinc chromate yellow oxide including fixing the play equipments in CC 1:2:4, curing etc., complete with all lead, lift, loading, unloading and any other incidental charges and as perthe draing and specification and direction of the engineer in charge of the work.	Each							
			1				1		
							1	28000.00	28000.00

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Providing Children Play 2 - Seater Swing : This Swing consosts of 2 Nos, seat of solid fibbed FP of size 480 mm x 180 mm x 3.5 mm supported by MS chains. The chains are supported by circular housing with bearing from which the chain in suspended. The main beam is of 50 mm MS 'A' class pipe Size of MS chain 30 mm x 20 mm x 5mm thick The 2 Nos inverted 'V' beams are of 50 mm 'A' class pipes secured at the top the main beam by means of CI castings (Heavy duty for elders) All pipes are of ISI grade all the pipes are painted with two coats of super set paitng over a coat of protective Zinc chromate yellow oxide including fixing the play equipments in CC 1:2:4, curing etc., complete with all lead, lift, loading, unloading and any other incidental charges and as perthe draing and specification and direction of the engineer in charge of the work.	Each							
			1				1		
							1	46000.00	46000.00
17	**Providing Children Play Standard Swing : This Swing consosts of 2 Nos**, seat of solid fibbed FP of size 480 mm x 180 mm x 3.5 mm supported by MS chains. The chains are supported by circular housing with bearing from which the chain in suspended. The main beam is of 50 mm MS 'A' class pipe Size of MS chain 30 mm x 20 mm x 5mm thick The 2 Nos inverted 'V' beams are of 50 mm 'A' class pipes secured at the top the main beam by means of CI castings (Heavy duty for elders) All pipes are of ISI grade all the pipes are painted with two coats of super set paitng over a coat of protective Zinc chromate yellow oxide including fixing the play equipments in CC 1:2:4, curing etc., complete with all lead, lift, loading, unloading and any other incidental charges and as perthe draing and specification and direction of the engineer in charge of the work.	Each							
			1				1		
							1	56000.00	56000.00
18	Duck wheel	Each							
			1				1		
							1	68000.00	68000.00
19	Mini Wheel	Eac							
			1				1		
							1	23000.00	23000.00
20	Duck Swing (2 seater)	Each							
			1				1		
							1	56000.00	56000.00
21	FRP Mini Slide	Each							

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			1				1		
							1	23000.00	23000.00
22	Mini Slide	Each							
			2				2		
							2	16000.00	32000.00
	Sub Total								891485.00
	GST Charges 12%								106978.20
	Add for unforseen and rounding off	L/S							1536.80
								Total	1000000.00
	(Rupees Ten lakhs only)								

Certificate:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2018-19 and Approved Rates.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer
Ward No. 03

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Yelahanka Satellite Town Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Yelahanka Division

Administrative Sanction for Rs. 10.00 Lacs
Ten Lakhs only.
is accorded under head P-1771
2018-19
Registered as CE No. ..... Subject to conditions contained in enclosed memo No. LCE/AA/49/18-19 Dt. 25.2.19

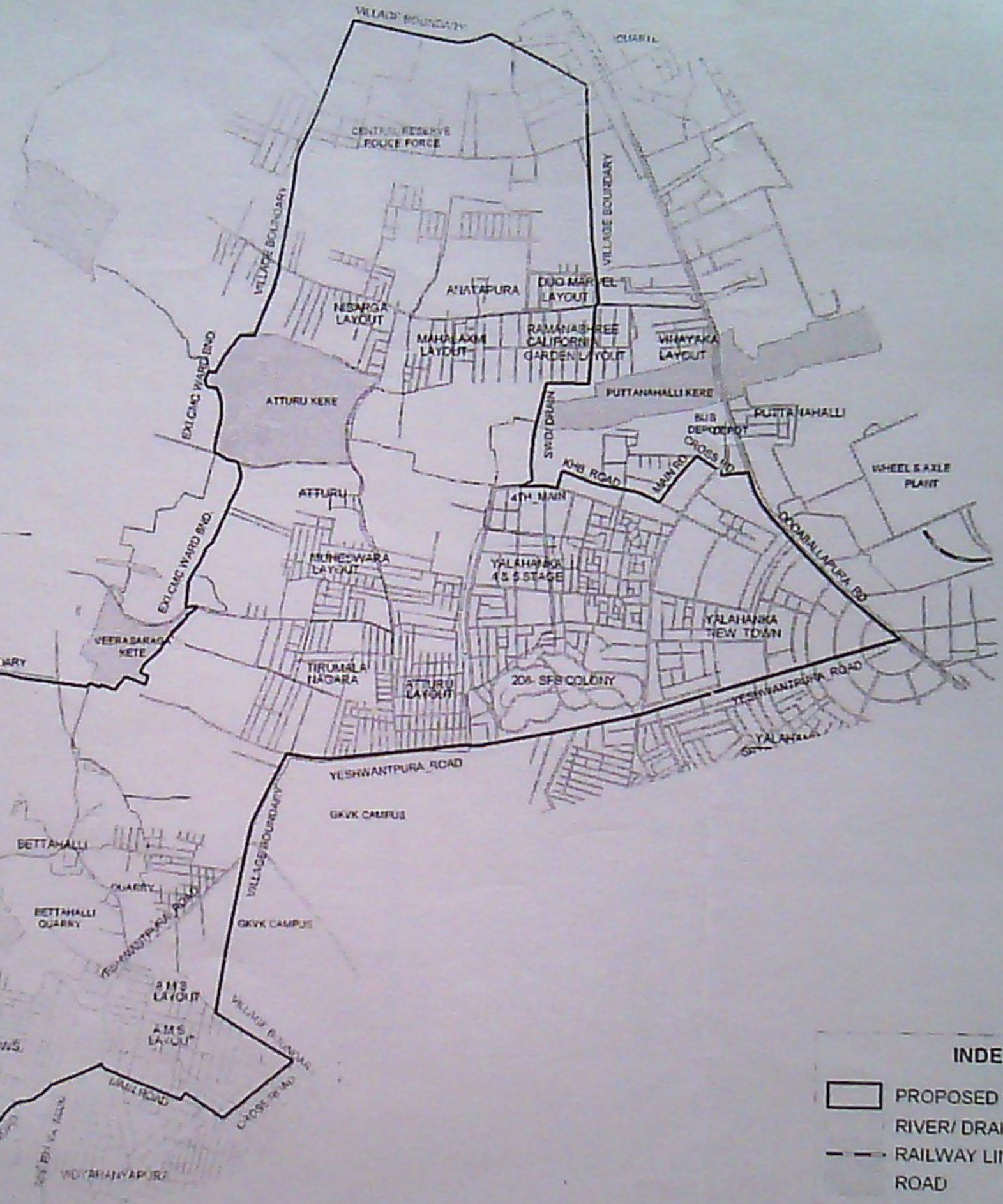
Executive Engineer

TECHNICALLY SANCTIONED FOR Rs. 10.00 Lacs
Rupees Ten Lakhs only
Under P-1771 - 2018-19
Registered as CE ( ) No. 99
Subject to conditions contained in enclosed memo EE ( ) No. /9/
Dt. ..... Estimate A/ Sanctioned
LCE/TS/73/18-19 No.
Dated 25.2.19 Rs. 10.00 Lacs

Executive Engineer

150 - YELAHANKA

BRUHAT BANGALORE MAHANAGAR PALIKE
WARD: 3- ATTURU



INDEX

- PROPOSED WARD BOUNDARY
- RIVER/ DRAIN
- RAILWAY LINE
- ROAD

NOTIFICATION NO. UDD 59 MLR 2009, DATE 15.07.09

ಕಾರ್ಯದರ್ಶಿ ಪ್ರಾದೇಶಿಕ ಆಯುಕ್ತರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಕಾರ್ಯಾಲಯ-106